

Title (en)

Sliding bearing for radial and axial loads and method of making the same.

Title (de)

Gleitlager zur Aufnahme von radialen und axialen Lagerkräften und Verfahren zu dessen Herstellung.

Title (fr)

Palier lisse pour charges radiales et axiales et son procédé de fabrication.

Publication

**EP 0470533 B1 19950215 (DE)**

Application

**EP 91113078 A 19910803**

Priority

DE 4025381 A 19900810

Abstract (en)

[origin: EP0470533A1] The invention describes a sliding bearing for radial and axial loads and a method of making the same. The bearing is designed as a three-sided pyramid-shaped cavity. A bearing journal rounded at its end projects into the pyramid-shaped cavity and rests against three of its sides. Lubricant is introduced into the free space of the pyramid-shaped cavity, hydrodynamic support thus being achieved. The sliding bearing is preferably produced by injection moulding of plastics. <IMAGE>

IPC 1-7

**F16C 17/08**

IPC 8 full level

**F16C 17/08** (2006.01)

CPC (source: EP)

**F16C 17/08** (2013.01)

Citation (examination)

S. Hildebrand, Feinmechanische Bauelemente, Carl Hanser Verlag, München-Wien, 1978, Seiten 316 und 317

Cited by

GB2318841A; EP1041698A3

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**EP 0470533 A1 19920212; EP 0470533 B1 19950215**; AT E118605 T1 19950315; DE 4025381 A1 19920213; DE 4025381 C2 19930708; DE 59104583 D1 19950323

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